



# Utah Energy Forum

Hosted by Idaho National laboratory

March 24, 2008

Clean Fuel. Clean Air. Clean Strategies.



# National Clean Cities

**Clean Cities is 14 years young and celebrated displacing more than a Billion gallons of Oil in 2005.**



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# Alternative Fueling Stations in Utah as of 2007

**Biodiesel Public: 12**

**Ethanol-E85 Public: 4**

**CNG-Compressed Natural Gas Public: 21**

**CNG-Compressed Natural Gas Private: 46**

**LPG-Liquefied Petroleum Gas Public: 26**

**Hydrogen: 0**

**Electric Charging Locations: 0**



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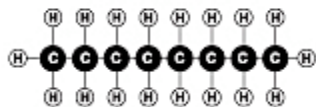


# Alternative Fuel Vehicles as of 2007

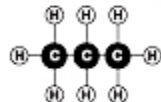
Diesel  $C_{14}H_{30}$



Gasoline  $C_8H_{18}$



Propane (LPG)  $C_3H_8$



Methane  $C_1H_4$



**B100 - 100 percent Biodiesel: 174**  
**CNG - Compressed Natural Gas: 3,671**  
**E85 - 85 percent Ethanol: 541**  
**LPG - Liquefied Petroleum Gas: 386**  
**HEV – Hybrid Electric Vehicle: 5,896**  
**NEV - Neighborhood Electric Vehicle: 2,050**  
**Electric Vehicle: 236**

Utah Clean Cities: Hosted 7 Vehicle displays on advancing the choice.

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# 2008 Legislated House Bills

## H.B. 103

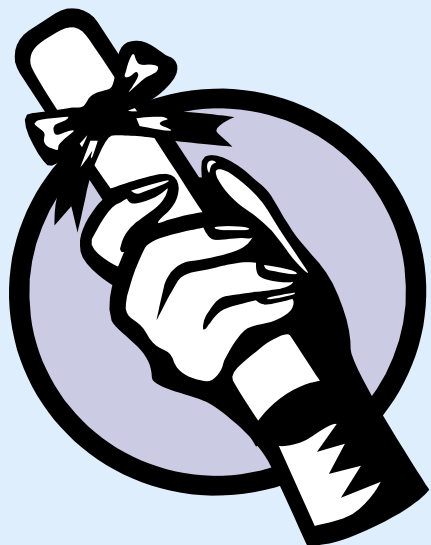
Use of State Alternative Fuel Network:

- State CNG refueling sites available to the public.

## H.B. 106

Clean Air and Efficient Vehicle Tax Incentives:

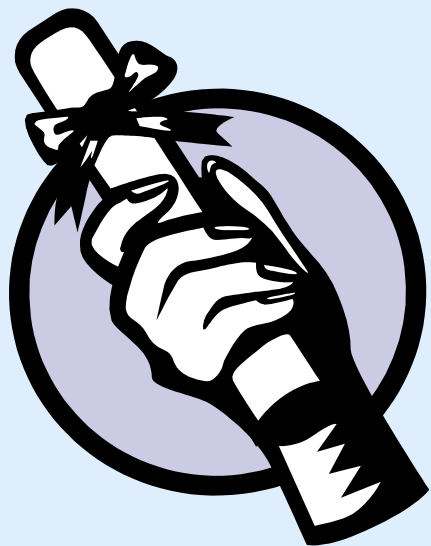
- Tax credits for new, used and conversion of alternative fuel vehicles that meet air quality and fuel economic standards.



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# 2008 Legislated House Bills



## **H.B. 146**

### School Bus Amendments

- School bus idle reduction Standards.
- Diesel retrofit program.

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# Grants

**Idle reduction education and awareness for school district buses:** Pilot program to train school bus drivers on the benefits of idle reduction.

Participating schools: Washington County, Salt Lake City, Cache Valley, and 3 school districts in the State of Nevada.

Goal: School Bus drivers to reduce their idling time by 5 or more minutes a day. Resulting in a reduction of fuel consumption and air pollutants inside and outside the bus.

The end result of the grant is the training program will be promoted nationwide and provided free of charge to all schools on the Clean Cities websites.

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# Grants

**CNG Infrastructure Development Grant:** Partnership match grant for new public and private CNG refueling sites.

Partners:

Diamond Parking, Salt Lake City, Private

Semi Service, Salt Lake City, Private

RB's 66, Woods Cross, Public

LW's Travel Plaza, Perry, Public

Abby Carpet, Ogden, Private

Hale Theater, Salt Lake City, Private

Porter Development, Cedar City, Private

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Contact us:

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